

Fig. 1A

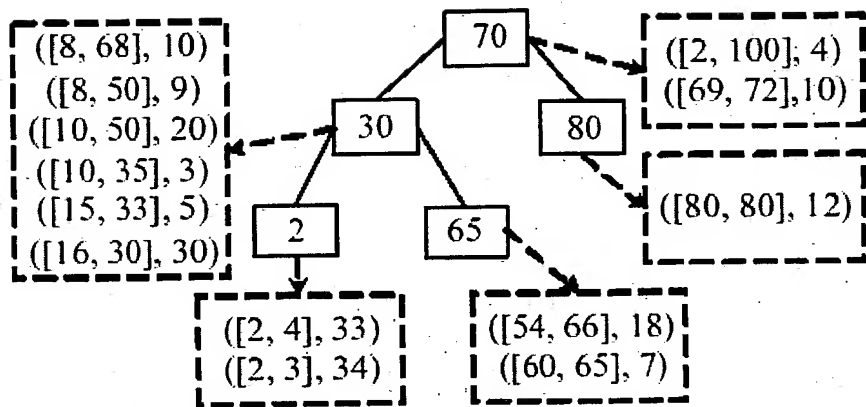


Fig. 1B

Fig. 2

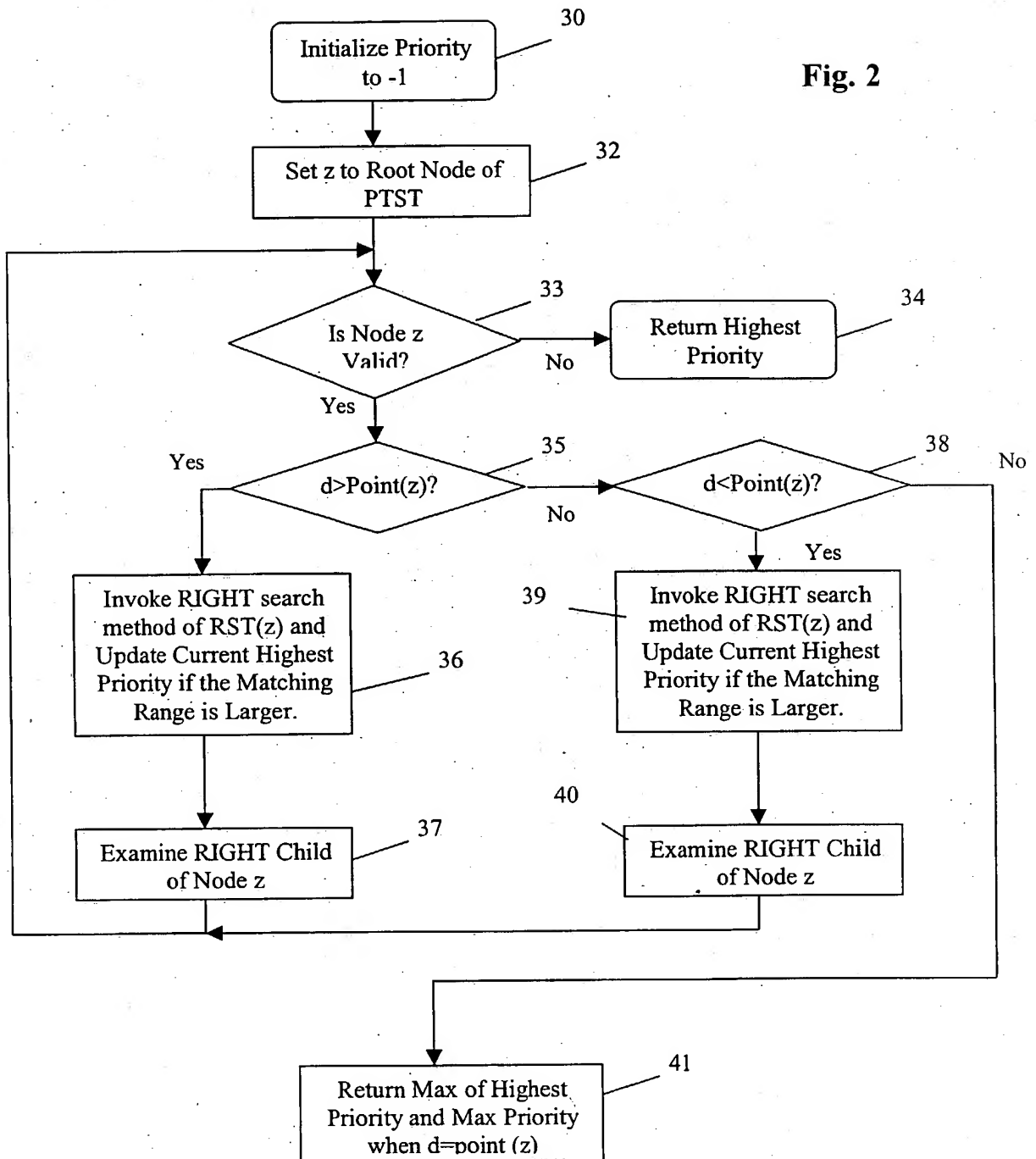
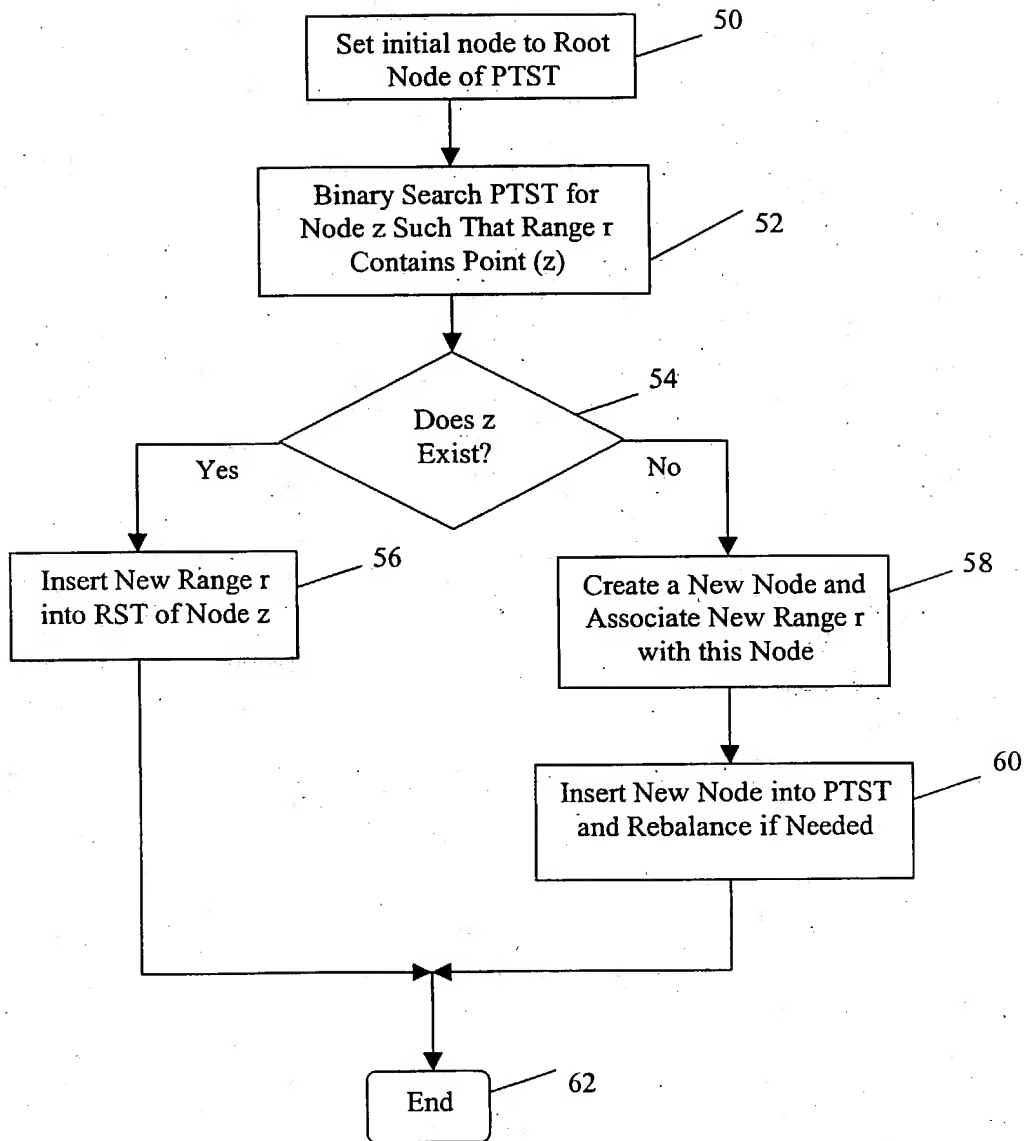


Fig. 3A



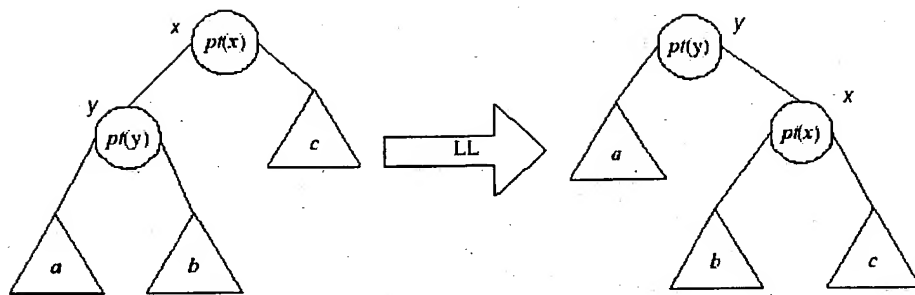


FIG. 3B

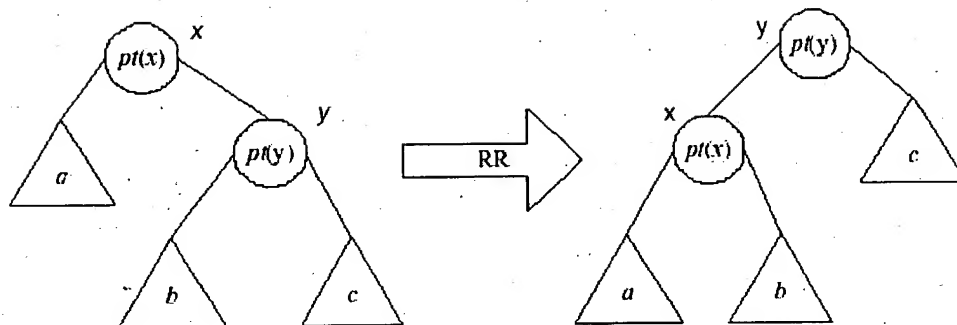


FIG. 3C

Fig. 4

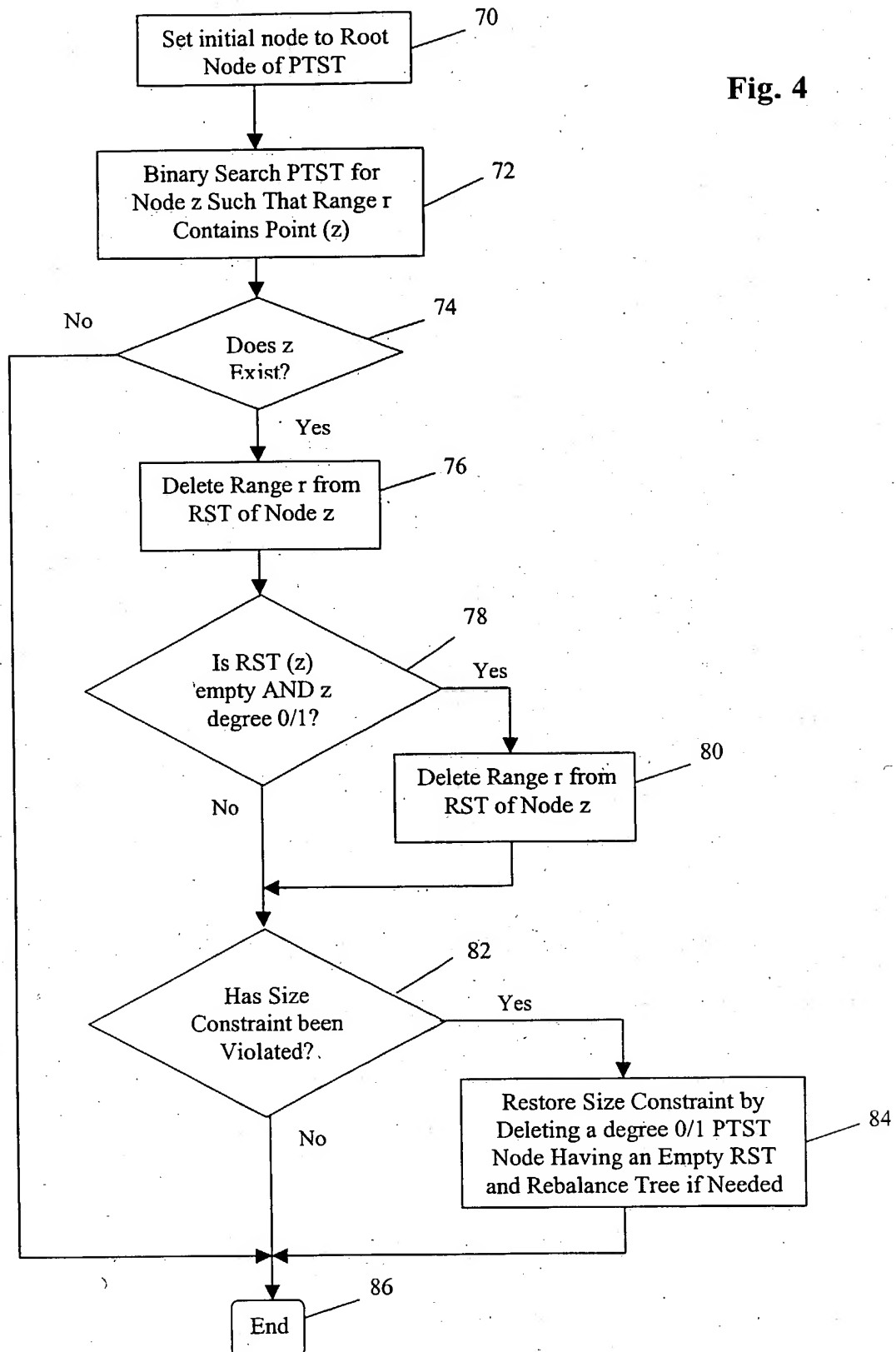


Fig. 5

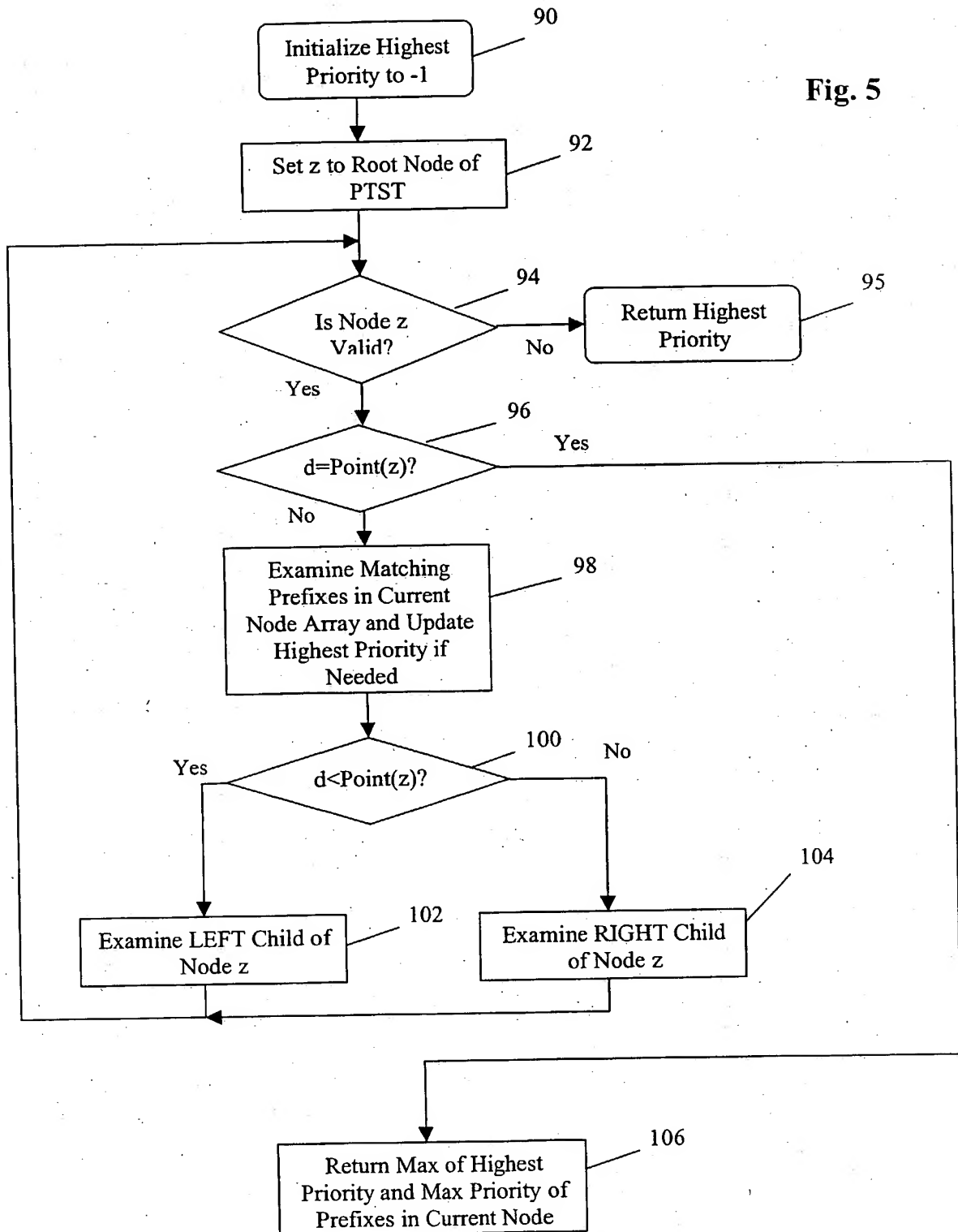
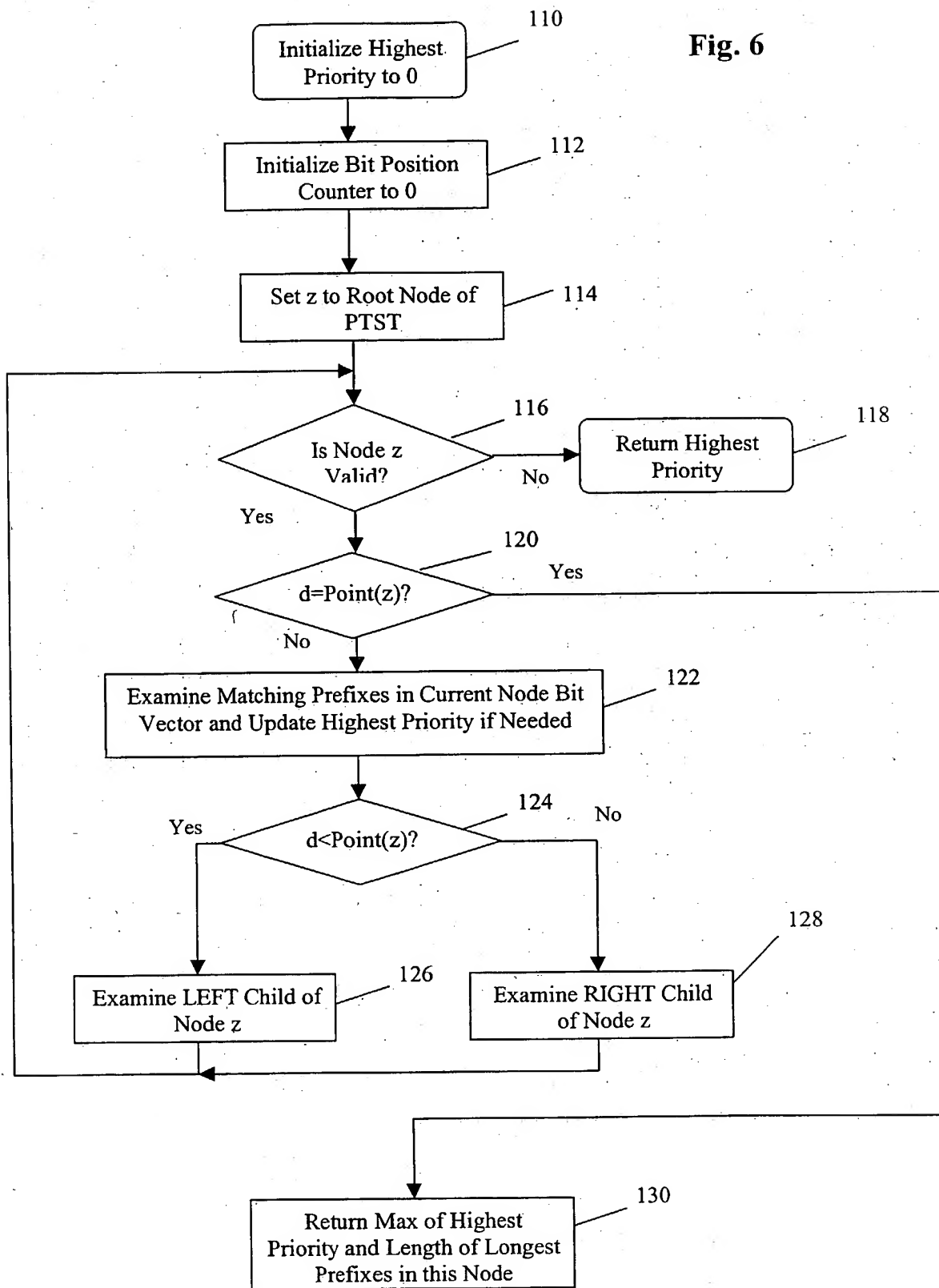


Fig. 6



Database	Paix1	Pb1	MaeWest	Aads	Pb2	Paix2
Num of Prefixes	16172	22225	28889	31827	35303	85988
Measure1 (KB)	PST	884	1215	1579	1740	1930
	BOB	851	1176	1526	1682	1876
	PBOB	357	495	642	708	790
	LMPBOB	357	495	642	708	790
Measure2 (KB)	PST	221	303	395	435	482
	BOB	331	455	592	652	723
	PBOB	189	260	338	372	413
	LMPBOB	189	260	338	372	413

Fig. 7

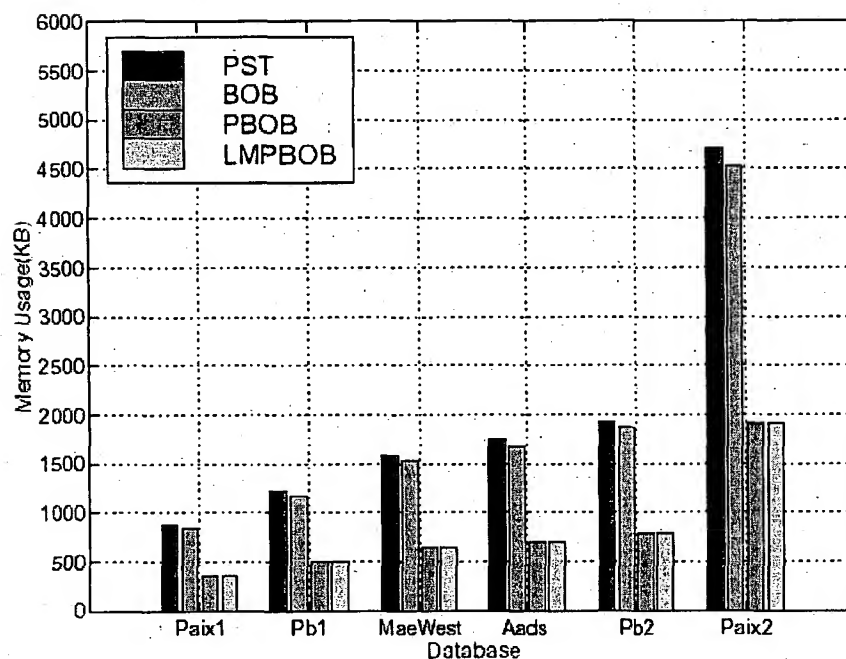


Fig. 8

Fig. 10

Fig. 14

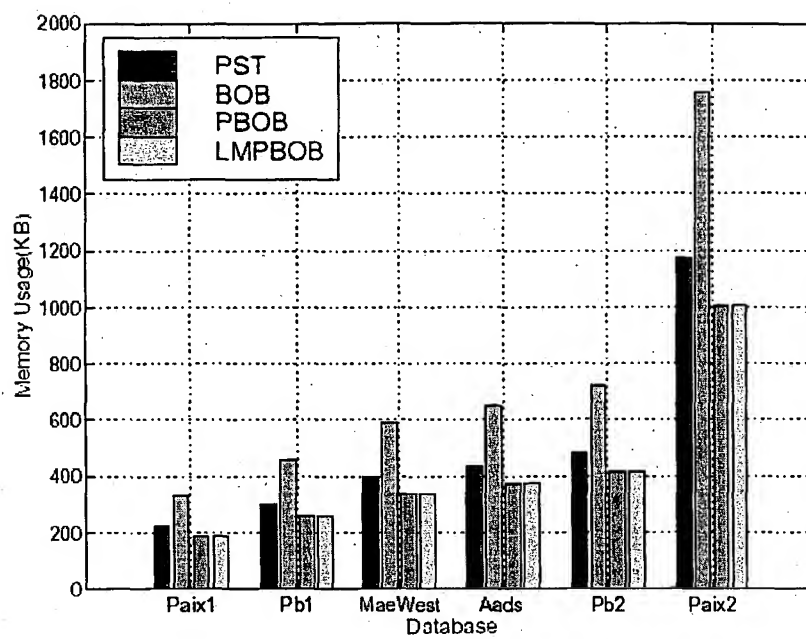


Fig. 9

Database			Paix1	Pb1	MaeWest	Aads	Pb2	Paix2
Search (μ sec)	PST	Mean	1.20	1.35	1.49	1.53	1.57	1.96
		Std	0.01	0.01	0.04	0.01	0.00	0.01
	BOB	Mean	1.22	1.39	1.54	1.56	1.62	2.19
		Std	0.01	0.02	0.02	0.02	0.02	0.01
	PBOB	Mean	0.82	0.98	1.10	1.15	1.20	1.60
		Std	0.01	0.01	0.01	0.01	0.01	0.01
	LMPBOB	Mean	0.87	1.03	1.17	1.21	1.27	1.69
		Std	0.01	0.01	0.01	0.01	0.01	0.01
Insert (μ sec)	PST	Mean	2.17	2.35	2.53	2.60	2.64	3.03
		Std	0.07	0.04	0.03	0.01	0.05	0.01
	BOB	Mean	1.70	1.89	2.06	2.10	2.16	2.55
		Std	0.06	0.06	0.05	0.05	0.05	0.03
	PBOB	Mean	1.04	1.25	1.39	1.44	1.51	1.93
		Std	0.06	0.05	0.00	0.05	0.05	0.06
	LMPBOB	Mean	1.06	1.29	1.47	1.50	1.57	1.98
		Std	0.07	0.07	0.06	0.06	0.04	0.01
Delete (μ sec)	PST	Mean	1.72	1.87	2.06	2.09	2.11	2.48
		Std	0.04	0.05	0.05	0.06	0.04	0.06
	BOB	Mean	1.04	1.13	1.26	1.27	1.32	1.69
		Std	0.06	0.05	0.04	0.05	0.06	0.06
	PBOB	Mean	0.68	0.82	0.90	0.91	0.97	1.30
		Std	0.07	0.06	0.05	0.06	0.03	0.05
	LMPBOB	Mean	0.67	0.82	0.89	0.92	0.95	1.26
		Std	0.06	0.06	0.05	0.05	0.03	0.05
Num of Copies			15	11	9	8	8	3

Fig. 10

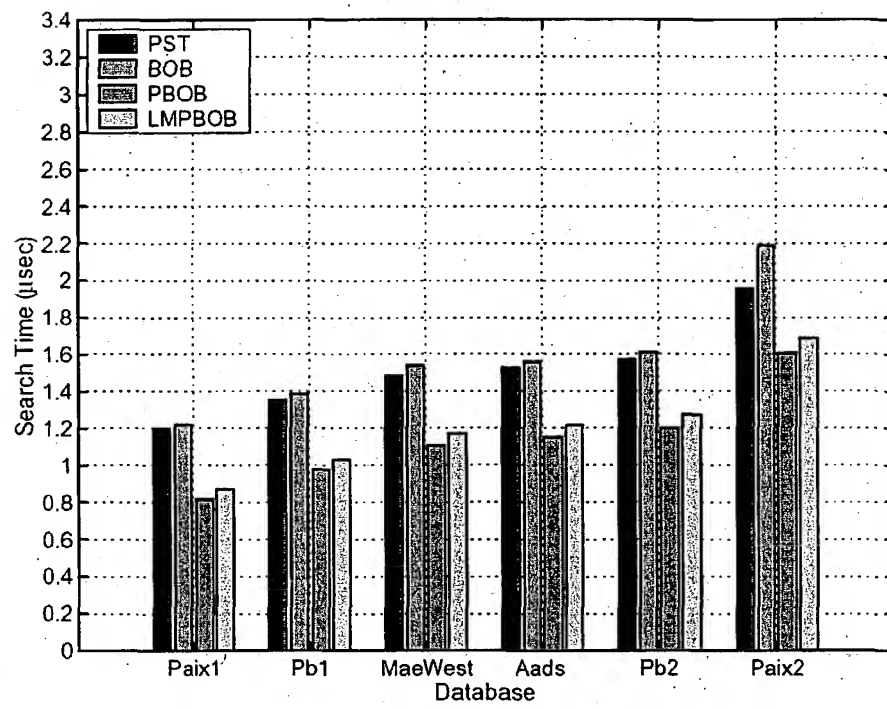


Fig. 11

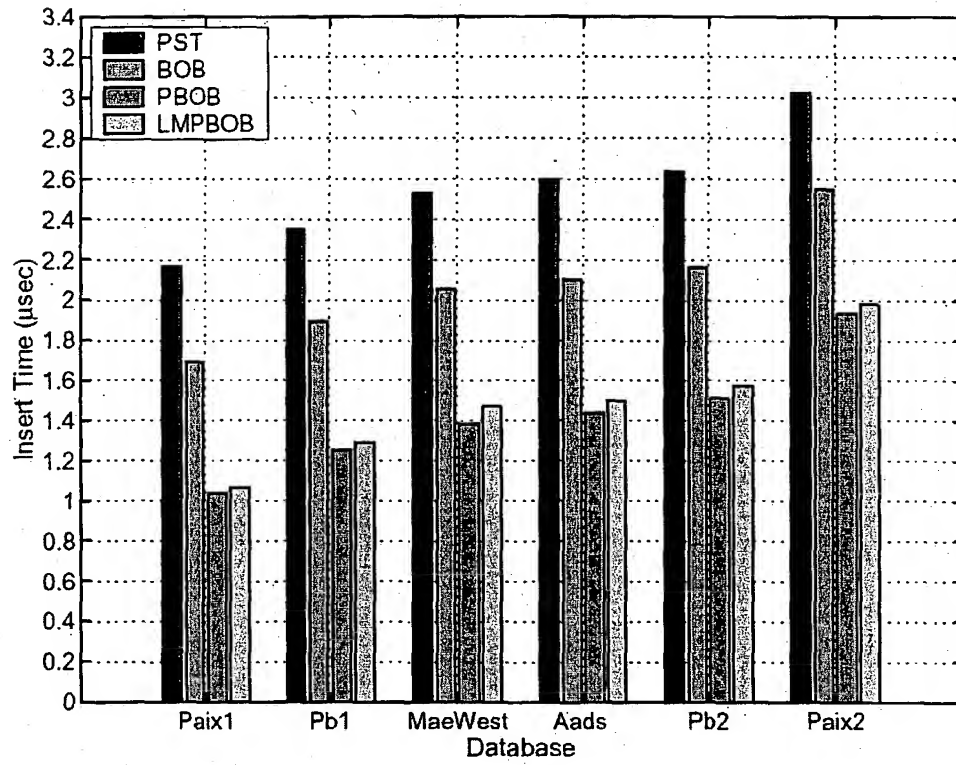


Fig. 12

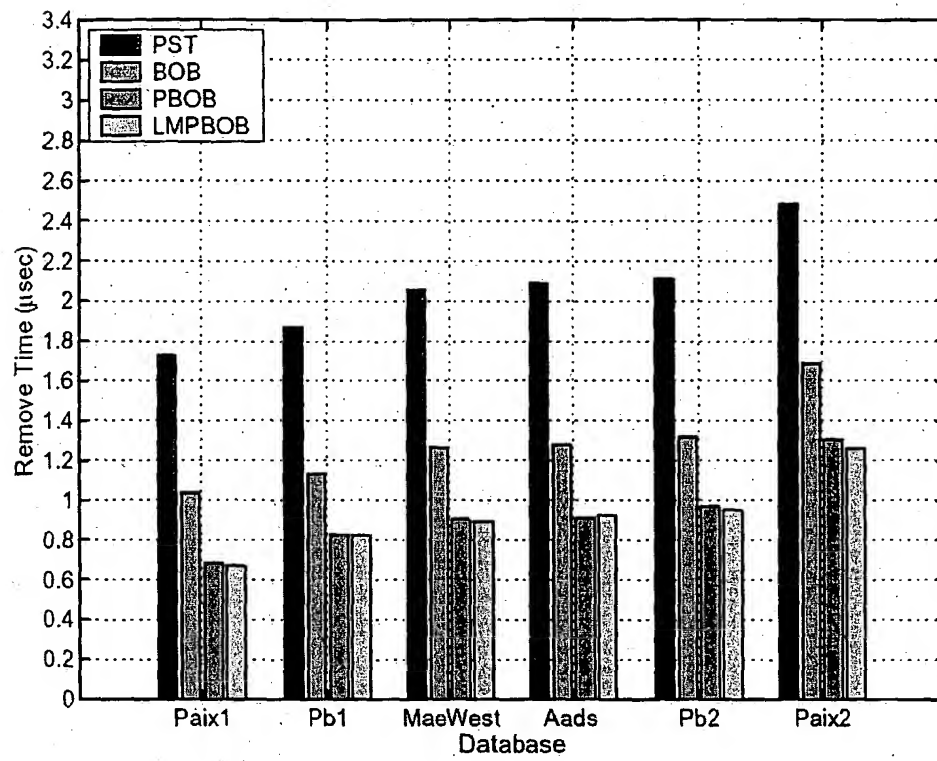


Fig. 13